

LISTING OF THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in the application.

Claims 1-9 (Canceled)

1                   10. (Currently Amended) Software embodied in one or more computer readable-  
2 media when executed operable to:  
3                   display, within a Web page on a client computer coupled to a network environment,  
4 ~~one of~~ a plurality of two-dimensional secondary spatial images being components of an original  
5 multi-dimensional image having more than two dimensions, with locations ~~an indicated location~~ in  
6 the two-dimensional secondary spatial images ~~image~~ specified by values of first and second  
7 coordinates which specify locations in said components of the original multi-dimensional image,  
8 ~~specifying the position of the indicated location in the two dimensional spatial image, and specified~~  
9 ~~by at least one predefined additional coordinate which, in combination with the first and second~~  
10 ~~coordinates, specifies the position of the indicated location;~~  
11                   select a particular location on a two-dimensional secondary spatial image having  
12 particular values of the first and second coordinates, where selecting the particular location on the  
13 two-dimensional spatial image determines a multi-dimensional coordinate including at least a third  
14 coordinate value which, together with the first and second coordinates, indicates an indicated  
15 location in the original multi-dimensional image;  
16                   initiate access to a location in a secondary image map homologous to the indicated  
17 location to retrieve a retrieved object index for the indicated location after the location of the two-  
18 dimensional secondary spatial image displayed on the client computer is selected;  
19                   ~~read a secondary image map, at a server computer coupled to the network-~~  
20 ~~environment, with the secondary image map having entries correlating to values of the first, second,~~  
21 ~~and additional coordinates of the original multi dimensional image, with each entry including a~~  
22 ~~pointer value;~~  
23                   access, ~~at the server computer, a selected entry of the secondary image map specified~~  
24 ~~by particular values of the first, second, and additional coordinates of an indicated location to~~  
25 ~~retrieve a selected pointer included in the selected entry when the indicated location of the two-~~  
26 ~~dimensional secondary spatial image displayed on the client computer is selected, with the particular~~

values of the first and second coordinates sent to the server computer from the client computer over the computer network environment; and  
cause a server computer coupled to the network environment to utilize, at the server computer, a the retrieved object index for the indicated location ~~selected pointer~~ to access a program action ~~hot program actions~~ associated with the indicated location in the original multi-dimensional image.

11. (cancelled)

12. (Currently amended) The software of claim 10 where the multi-dimensional image is a three-dimensional volume image and the two-dimensional secondary spatial image is a planar slice of the three-dimensional volume image.

13. (Previously presented) The software of claim 10 where the multi-dimensional image is a video clip and the two-dimensional secondary spatial image is a frame of the video clip.

14-15. (Cancelled)

16. (New) Software embodied in one or more computer readable media when executed operable to:  
utilize, on a server computer coupled to the network environment, a retrieved object index for an indicated location to access a program action associated with the indicated location;  
wherein said object index is obtained by the execution of code, on a client computer coupled to the network environment, to display, within a Web page, a plurality of two-dimensional secondary spatial images being components of an original multi-dimensional image having more than two dimensions, with locations in the two-dimensional secondary spatial images specified by values of first and second coordinates which specify locations in said components of an original multi-dimensional image;  
wherein said display is to allow a user to select a particular location on a two-dimensional secondary spatial image having particular values of the first and second coordinates, where selecting the particular location on the two-dimensional spatial image determines a multi-dimensional coordinate including at least a third coordinate value which, together with the first and second coordinates, indicates said indicated location in the original multi-dimensional image; and

16 wherein said selecting further initiates access to a location in a secondary image map  
17 homologous to the indicated location to retrieve said retrieved object index for the indicated location  
18 after the location of the two-dimensional secondary spatial image displayed on the client computer is  
19 selected.

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20 17. (New) The software of claim 16 wherein said selecting occurs on said client  
21 computer.

1 18. (New) The software of Claim 16 wherein said secondary image map is located on  
2 said client computer.

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1 19. (New) A method of serving digital information, the method comprising:  
2 receiving a request for a distributed hypermedia document at a  
3 network server;  
4 transmitting the distributed hypermedia document from the network server to a  
5 distributed hypermedia browser in response to receiving the request, the distributed hypermedia  
6 document including an HTML tag to cause the display of a plurality of two-dimensional secondary  
7 spatial images being components of an original multi-dimensional image having more than two  
8 dimensions, with locations in the two-dimensional secondary spatial images specified by values of  
9 first and second coordinates which specify locations in said components of an original multi-  
10 dimensional image, wherein said display is to allow a user to select a particular location on a two-  
11 dimensional secondary spatial image having particular values of the first and second coordinates,  
12 where selecting the particular location on the two-dimensional spatial image determines a multi-  
13 dimensional coordinate including at least a third coordinate value which, together with the first and  
14 second coordinates, indicates an indicated location in the original multi-dimensional image, wherein  
15 said selecting further initiates access to a location in a secondary image map homologous to the  
16 indicated location to retrieve a retrieved object index for the indicated location after the location of  
17 the two-dimensional secondary spatial image displayed on the client computer is selected, and  
18 wherein said selecting further causes a server computer coupled to the network environment to  
19 utilize the retrieved object index for the indicated location to access a program action associated with  
20 the indicated location.

21  
1 20. (New) The method of claim 19 wherein said selecting occurs on said client  
2 computer.

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1                   21. (New) The method of Claim 19 wherein said secondary image map is located on  
2 said client computer  
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